UR24A
8-in-1
Learning SuperRemote

Owner's Manual

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— Read This First! —

Safety Considerations

Remember to exercise good common sense when using your X-10 remote's home automation features - especially when scheduling unattended devices. There can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. DO NOT USE the system for the control of high power heating appliances such as portable heaters.

Caution: To reduce the risk of electric shock, do not disassemble any part of the Home Automation System. No user-serviceable parts are inside. If you spill liquid on a unit, disconnect the unit from the AC outlet to prevent possible fire or shock hazard and consult authorized service personnel.

Powerline operated equipment or accessories connected to any of these units should bear the UL listing or CSA certification mark and should not have been modified in any way that might defeat their safety features.

Warning: To prevent electric shock hazard, do not expose any part of the Home Automation System to rain or moisture.

FCC Caution

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio / TV experiencing the interference.
- Relocate the interface with respect to the radio / TV.
- Move the interface away from the radio / TV.
- Plug the interface into an outlet on a different electrical circuit from the radio / TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

NOTE: *Modifications to any of the components in this kit will void the user's authority to operate this equipment.*

Contents

Introduction

Congratulations on your purchase of the X-10 SuperRemote.

Make your lights and appliances go to work for you....

The X-10 SuperRemote will control most or all of your video and audio equipment. But what really sets it apart from other remotes is that you can also control almost any light or appliance in your home - even in another room! And it's easy to install. Within minutes, you can be using your X-10 SuperRemote to dim the lights, start brewing a fresh pot of coffee and play your favorite movie!*

Here are just some of the things you can do with your X-10 SuperRemote...

- Control your entire audio / video and lighting setup for the ultimate Home Theater experience.
- Turn on lights at night to scare away intruders if you hear a noise.
- Start the coffee from your bedroom when you wake up.
- Turn on your electric blanket before the movie ends, so you it's nice and warm when you go to bed.

Use this manual to become familiar with your SuperRemote....

This manual will explain how to set up your SuperRemote to use it with your existing Audio / Video equipment.

Next it will show you how you can use it to set up and use an X-10 Transceiver Module and Lamp Module (sold separately) to operate electrical devices in your home.

Finally, the manual will show you can expand your system with some of the many additional X-10 products you can purchase.

* Requires X-10 modules, sold separately.

— GETTING STARTED —

Because we know that you are eager to get started, we've kept this introduction as short as possible, but it contains very valuable information, so you should read through it very carefully.

CONTROLLERS AND MODULES

The first thing you need to understand is that there are two different devices you need to control your house; Controllers and Modules. Any light or appliance that you want to control is plugged into a Module and that Module is then plugged into a standard AC outlet.



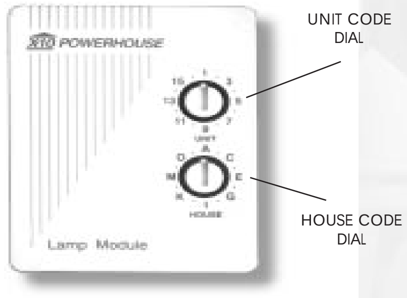
Modules receive commands from Controllers. Examples include the Lamp Module (sold separately). The Transceiver Module (also sold separately) is another example (although it also doubles as a controller as described later).

Controllers are plugged into standard wall outlets and send commands to Modules over your existing electrical wiring in your house without affecting your electricity in any way.

The Transceiver Module works as a controller when it is used with a remote control such as the 8-in-1 Learning SuperRemote. When the Transceiver Module receives a command from the remote it sends digital signals over your existing house wiring to a Module which receives the signals and executes the command.

The remote uses radio frequency (RF) signals to send commands to the Transceiver Module. RF signals can go right through walls, so you can use the remote to control lights or appliances from anywhere in your home.

HOUSE CODES AND UNIT CODES



Each Module has a specific address made up of a House Code (red dial on the face of the Module) and a Unit Code (black dial on the face of the Module).

The Controller first sends an address and then a command on the AC power lines. Only the Module with a matching address will execute the command. If more than one Module has the same address, both Modules will execute the command.

Addresses are set on the Module by turning the two dials on the front of the Module to the desired letter and number (using a small screwdriver or a coin). The House Code is selected from the letters A through P, and the Unit Code is selected from the numbers 1 through 16.

INSTALLING THE COMPONENTS

TRANSCEIVER MODULE

The Transceiver Module receives radio frequency (RF) commands from remotes to operate a lamp or appliance plugged into it. The Transceiver Module also passes on commands over your house wiring to control other X-10 Modules. Note that unlike the Lamp Module you cannot dim and brighten a lamp connected to the Transceiver Module.

You should locate the Transceiver Module centrally in the home for maximum range when controlled by the X-10 Learning SuperRemote.

1. Set the House Code to 'A' .



2. Plug a lamp or appliance into the Transceiver Module.



3. Plug the Transceiver Module into a convenient AC outlet. Fully extend the antenna.



LAMP MODULE

The Lamp Module may be used to control any incandescent lamp rated up to 300W. It is not suitable for other types of lamp such as fluorescent or energy saving lamps, or lamps which include a dimmer control.

Caution: *Do not connect an appliance such as a coffee pot or heater to the Lamp Module. It may damage the module and the appliance and could cause a fire hazard.*

1. Set the House Code to 'A' and the Unit Code to '2.'



2. Plug a lamp into the Lamp Module.



3. Plug the Lamp Module into a convenient AC outlet.



8-IN-1 LEARNING SUPERREMOTE

The 8-in-1 Learning SuperRemote allows you to control practically everything electrical in your home. It combines IR technology that lets you control all your TV, VCR, Cable and Satellite equipment with X-10 RF technology that lets you control lamps and appliances anywhere in your home.

To find out more about configuring the Learning SuperRemote to work with your audio / video equipment, see the section titled "Setting Up your SuperRemote."

1. Push the tab and lift off the battery cover.



2. Fit four AAA batteries, taking care to match the + and - marks in the battery compartment.



SETTING UP YOUR SUPERREMOTE

BUTTON DESCRIPTIONS

INDICATOR LIGHT
The indicator light flashes when the remote is operating.

POWER
Works in the same way as your original remote.

SET UP
Used for programming the remote.

BACKLIGHT
Lights up the keys for a few seconds when pressed.

LEARN
Lets you learn codes from an existing remote, that might not be in the Learning SuperRemote's library.

X-10
Lets you control X-10 Modules to operate lamps and appliances around the home.

TV, VCR, CBL, CD, AUX1, AUX2, SAT
Used to select the device to control. SAT includes DSS receivers.

SHIFT
Lets you learn another function under the same key

0-9
Used as your original remote and to enter device codes.

LAST
Selects the last channel viewed on your TV, VCR, Cable Box or Satellite Receiver.

CHANNEL
Works like your original remote. Also used to turn X-10 Modules on and off.

MUTE
Works the same as your original remote.

VOLUME
Works like your original remote. Also used to brighten and dim lamps connected to X-10 Modules.

TIMER
Used to set the Sleep Timer to automatically switch off the TV or X-10 Modules after a preset time.

L1, L2
Lets you learn additional keys from your original remote.

DISP
Used to access on-screen information or CD programming.

PLAY, REW, FF, STOP
Work the same as on your original VCR remote.

SELECT
Used for menu selections on DSS satellite receivers.

GUIDE
Displays the main menu on DSS satellite receivers.

REC
Record button. Works the same as your original VCR remote. You must press the REC button twice to begin recording.

PAUSE
Works the same as your original VCR remote.

CLEARING THE MEMORY

It is recommended that you clear the memory in the Learning SuperRemote before you start programming it:

1. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



2. Press and release the LEARN key **twice**.



3. Press and release the SETUP key.

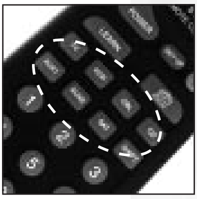


You can also clear the memory for just a particular mode (TV, VCR, etc.).

1. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



2. Press and release the desired mode button (TV, VCR, etc.). The LED blinks once.



3. Press the LEARN key. The LED blinks once.

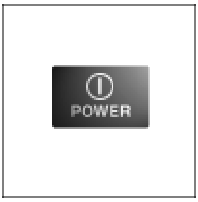


4. Press SETUP. The LED turns off after a few seconds.



Setting up for TV, VCR, Cable, CD, and Satellite Receiver

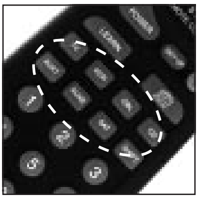
1. Turn on the device you want to control (TV, VCR, cable box, satellite receiver etc.).



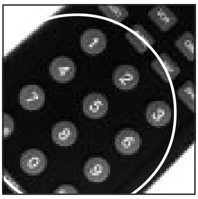
2. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



3. Press and release the mode button that matches the device you want to control. The LED blinks once. Use AUX for audio equipment.



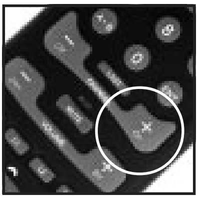
4. Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.



5. Point the remote at the device and press the POWER button. Your device should turn off.



6. Turn your device on and press CH +. If the device responds, setup is complete.



Notes:

***For CD equipment** use the AUX button.*

***If your TV/VCR/Cable Box/Satellite Receiver does not respond**, try the other codes for your brand. If it still doesn't respond, try the Code Search method on page 26.*

***If the LED blinks rapidly when you enter the code**, you may have entered an invalid code. Recheck the code in the code list and try again.*

***If some buttons do not operate your equipment**, try one of the other codes for your brand.*

TV CODES

ABEX	185
ACME	003
ADA	016
ADC	012,096
ADMIRAL	014,186
ADVENTURA	187
AIKO	029
ALLERON	059
AMTRON	051
AKAI	015
AMSTRAD	202
ANAM NATIONAL	016,051,055,205,206,207
AOC	017,018,020,022,188,189,208
AUDIOVOX	051
BELCOR	017
BELL & HOWELL	014,062,096
BRADFORD	051
BROKWOOD	017
CANDLE	017,021,022,187
CAPEHART	188
CELEBRITY	015
CENTURION	022
CETRONIC	055
CITIZEN	017,021,022,029,051
	055,084,118,184,187,190
CLAIRTONE	189
CLASSIC	055
COLORTYME	017,022,023,213
CONCERTO	017,022
CONTEC/CONY	024,025,026,027,051,055,189
CRAIG	051,055
CROWN	051,055,184
CURTIS MATHES	013,017,022,028
	062,084,118,184
CXC	051,055
DAEWOO	017,018,022,029,030
	031,055,098,139,140,184
DAYTRON	017,022,184
DIMENSIA	013
DUMONT	017,164
DYNASTY	055
DYNATECH	191
ELECTROBAND	015,189
ELECTROHOME	016,017,022,034,035
EMERSON	017,022,025,027,036,037,038,039
	040,043,044,045,046,047,048,049,050
	051,052,053,054,055,056,057,058,059
	060,062,136,137,176,184,189,190,192,210
ENVISION	017,022
FISHER	062,063,064,193
FUJITSO	059

Brand	Codes
FUNAI	051,055,059
FUTURETEC	051,055
GE	013,016,017,022,035,065,067,068, 100,176,177,178,179,180,181,194
GIBRALTER	017,164
GOLDSTAR	017,018,022,025,069, 070,071,168,169,184,185
GRUNDY	051,059,184
HALLMARK	017,022
HARVARD	051
HITACHI	017,022,024,025,026,072,073, 074,100,150,151,152,153,154,155, 156,157,158,159,160,161,163,192,211,212
IMA	051
INFINITY	075
JANEIL	187
JBL	075
JCB	015
JC PENNY	013,017,018,021,022,035,065, 067,071,076,077,084,100,118, 141,184,185,194,214
JENSEN	017,022
JVC	024,025,026,067,073,078, 079,080,102,171,172,195
KAWASHO	015,017,022
KAYPANI	188
KEC	055
KENWOOD	017,022
KLOSS NOVABEAM	081,082,187,196
KTV	051,055,083,184,189,190
LODGENET	096
LOEWE	075
LOGIK	096
LUXMAN	017,022
LXI	013,022,062,075,084,194
MEGATRON	022,072
MAGNAVOX	017,021,022,075,081,082, 087,088,089,090,101,102, 143,144,145,146,147,196,197
MAJESTIC	096
MARANTS	075
MARANTZ	017,022,075,091
MATSUI	075
MEI	189
MEMOREX	014,022,062,095,096
MGA	017,018,022,034,035, 059,064,092,093,095
MIDLAND	067,164,184,185,194
MINUTZ	065
MITSUBISHI	017,018,022,034,035,059, 064,092,093,094,095,102,138
MONTGOMERY WARD	096
MOTOROLA	016,186
MTC	017,018,022,084,118,189,191
MULTITECH	051,191
MULTIVISION	097
NAD	022,084,198
NEC	016,017,018,022,098,102,108,213
NIKEI	055
NIKKO	022,029
NTC	029
ONKING	055
ONWA	051,055
OPTIMUS	198
OPTONICA	108,186
ORION	048
PANASONIC	016,067,075,183
PHILCO	016,017,018,021,022,025, 075,081,082,087,088,090,196,197
PHILIPS	016,017,019,021,022,025,075,081, 082,087,088,089,099,100,101,102
PILOT	017,184
PIONEER	017,022,103,104,105,192,198
PORTLAND	017,018,022,029,184
PRICE CLUB	118
PRISM	067
PROSCAN	013,194
PROTON	017,022,025,106,188,199
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QUASAR	016,067,083,107
RADIO SHACK / REALISTIC	013,017,022,024,025, 051,054,055,062,108,184,185
RCA	013,016,017,018,020,022,109,111,112, 113,114,115,116,142,192,194,200,201
RHAPSODY	189
RUNCO	164
SAMPO	017,022,184,185,188
SAMSUNG	017,018,022,024,025,028, 084,117,118,119,184,185,214,217
SAMSUX	184
SANYO	017,062,063,093,120,121,182,193
SCOTCH	022
SCOTT	017,022,025,037,048,051,055,059
SEARS	013,017,022,026,059,062,063,064, 079,084,118,122,123,193,194,202,210
SHARP	017,022,025,108,124,125, 126,127,135,184,186
SHOGUN	017
SIGNATURE	014,096,128
SIMPSON	021
SONIC	189
SONY	015,019
SOUNDESIGN	017,021,022,051,055,059
SQUAREVIEW	202
SSS	017,051,055
STARLITE	051
SUPRE-MACY	187
SUPREME	015
SYLVANIA	017,021,022,075,081, 082,087,088,089,090, 101,129,174,196,197
SYMPHONIC	046,051,202
TANDY	186
TATUNG	016,191
TECHNICS	067
TECHWOOD	017,022,067
TEKNIKA	017,018,021,022,025,026, 029,051,055,059,084,089, 095,096,118,183,184,187
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VCR CODES

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ADVENTURA ... 039
AIKO ... 040
AIWA ... 015,039
AKAI ... 016,017,018,019,020
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ASHA ... 026
AUDIO DYNAMICS ... 022,023
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BROKSONIC ... 025,038
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CANDLE ... 026,027,028,029,030,031,032
CANON ... 034,035,127
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SEARS	024,027,034,036,061,062,063,064,068,069,120,131
SHARP	014,015,030,042,107,108,109
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SIGNATURE	015
SINGER	034,074
SONY	017,111,112,132,141
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XR-1000	034,039,074
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ZENITH	017,111,117,132,141

CABLE CODES

ABC	014,015,016,017,018,019,020
ANTRONIX	021,022
ARCHER	021,022,023,024
CABLETENNA	021
CABLEVIEW	021
CENTURY	024
CITIZEN	024
COLOUR VOICE	025,026
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CONTEC	029
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HYTEX	015
JASCO	024
JERROLD	014,016,018,020,031,036,037,062,063
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MEMOREX	039
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NSC	015,040
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PARAGON	039
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TELEVIEW	027
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TOCOM	017,036,054
TOSHIBA	039
TUSA	031
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UNITED ARTISTS	015
UNITED CABLE	014
UNIVERSAL	021,022,023,024,055
VIDEOWAY	057
VIEWSTAR	028,038,040,053,056
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SATELLITE CODES

AMPLICA	028
BIRDVIEW	029
CHANNEL MASTER	030,031,032
CHAPPARAL	013,014,033,034
CHEYENNE	014
DRAKE	015,016,037,038,039,040
DX ANTENNA	035,036
ECHOSTAR	041,042,043

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LUXOR 052

MACOM STATE 053

NORSTAT 054

REALISTIC 020,056,057

SCIENTIFIC ATLANTA 060
SIERRA I, II, III 014
STAR TRAK 061
STS 021,022,023,024,058,059
SUPER GUIDE 062

TOSHIBA 025,063

UNIDEN 026,064

VIDEO CIPHER II 027

DSS CODES

ECHOSPHERE 071
ECHOSTAR 071

DISH NETWORK 071

HUGHES SATELLITE 075

PANASONIC 069,072
PRIMESTAR 070

RCA 065

SONY 066
STAR SIGHT CABLE SERVICES 073

TOSHIBA 067,068,074

LASER DISC CODES

PIONEER 093
PROSCAN 146

RCA 146

CD CODES

ADC 013
ADCOM 014,067
AIWA 015,016
AKAI 068,090
AUDIO ALCHEMY 017
AUDIO TECHNICA 018

BSR 017

CALIFORNIA AUDIO LABS 069
CAPETRONIC 022
CARRERA 017
CARVER 019,020,021
CASIO 070
CURTIS MATHES 070

DENON 023,024

EMERSON 014,025,026

FISHER 020,027,028,029,030,071

GE 078
GENEXXA 025,026,031,072
GOLDSTAR 032,073

HARMON KARDON 033
HITACHI 031

INKEL 034

JC PENNEY 043,070
JVC 035

KENWOOD 027,036,037,038,080,081
KRELL 019
KYOCERA 013

LUXMAN 039,040,082,083,091
LXI 025,070

MAGNAVOX 019,084
MARANTZ 019,041,042,085
MCS 043,070
MGA 044
MISSION 019
MITSUBISHI 044,045

NAD 074,092
NAKAMICHI 046,047
NEC 043
NIKKO 018,026,029
NSM 019

ONKYO 048,049,075
OPTIMUS 017,020,021,025,031
.... 037,050,051,052,053

PANASONIC 069,086,093
PHILIPS 019,084
PIONEER 031,054,055,072
PROTON 019

QUASAR 069

RCA 014,020,025,056,076
RCA Digital Video Disc 096
REALISTIC 014,020,022,025
.... 026,031,042,050,052
ROTEL 019

SAE 019
SAMSUNG 094
SANSUI 019,025,057,076,087
SANYO 020,058,071,088,095
SCOTT 014,025,026
SEARS 025,037,042,070
SHARP 037,042
SHERWOOD 034,042,051,059
SHURE 043
SONY 060,061

STS 013
SYLVANIA 019
SYMPHONIC 062

TEAC 029,042,052,062,063,064
TECHNICS 069,086,089
THETA DIGITAL 084
TOSHIBA 074

VECTOR RESEARCH 017,032
VICTOR 035

YAMAHA 018,065,066,077

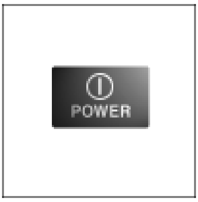
HOME AUTOMATION CODES

X-10 HOME AUTOMATION (RF) 013
X-10 HOME AUTOMATION (IR543) 014
GE HOMEMINDER 015

USING AUX TO CONTROL A SECOND TV, VCR, CABLE BOX OR SATELLITE RECEIVER

The AUX button is normally used to control an audio component, but it can also be configured to control a second TV, VCR, cable box or satellite receiver.

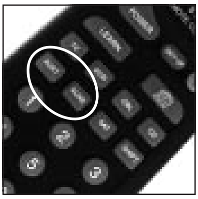
1. Turn on the equipment you want to control.



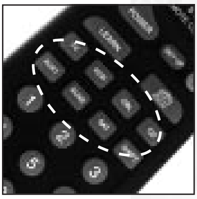
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



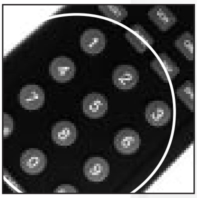
3. Press either AUX button, then press the mode button that matches the equipment you want to control (TV, VCR, CBL, SAT).



4. Press and release the mode button that matches the A/V equipment you want to control. The LED blinks once.



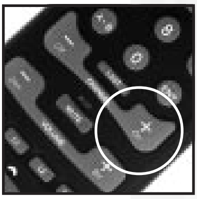
5. Enter the 3 digit Code from the Library Code Tables. The LED turns off after the last digit entered.



6. Point the remote at your audio component and press the POWER button. Your audio component should turn off.



7. Turn your audio component on and press CH +. If it responds, setup is complete.

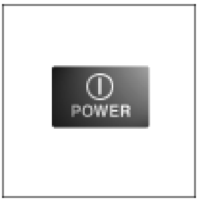


Notes:

If your audio/video component does not respond*, try the other codes for your brand. If it still doesn't respond, try the Code Search method on page 26.*

If the LED blinks rapidly when you enter the code*, you may have entered an invalid code. Recheck the code in the code list and try again.*

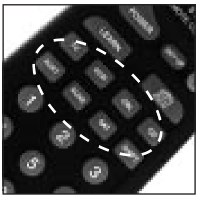
Searching For Codes



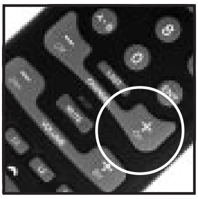
1. Turn on the device you want to control.



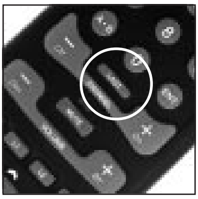
2. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



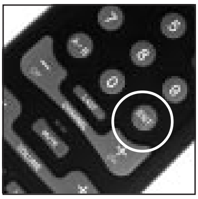
3. Press the mode button that matches the equipment you want to control The LED blinks once.



4. Press CH + repeatedly* until the device to be controlled changes channel.



If you go past the code accidentally, just press LAST repeatedly until the channel changes again.



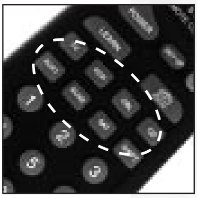
5. Press and release the ENTER button to complete the setup.

***Note:** *You may have to press CH + many times (50+). If the device does not have a Channel Up function, use the PLAY button (VCR only) or the POWER button.*

Identifying Codes found using the Search Procedure



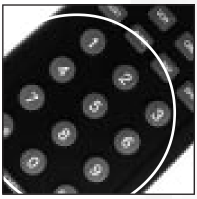
1. Press and hold SETUP until the LED indicator lights steadily. Release Setup button.



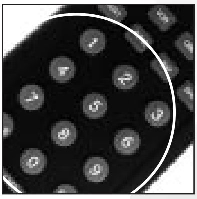
2. Press the mode button that matches the equipment you want to identify The LED blinks once.



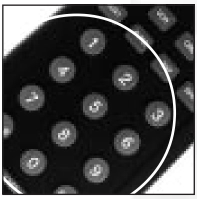
3. Press and release SETUP. The LED blinks once.



4. To find the first digit, press each number button from 0 to 9 until the LED blinks. The number you pressed is the first digit of the code.



5. Press each number button from 0 to 9 again as above to find the second digit.



6. Press each number button in turn to find the third digit. When the third digit has been found, the LED will go out.

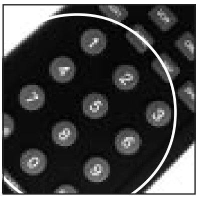
Setting the Sleep Timer

The Sleep Timer automatically turns off the TV after the time you set. Press the TV button, then follow the instructions below to set the Sleep Timer:

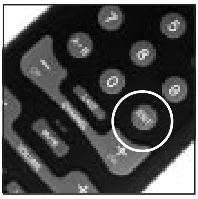
1. Press and hold TIMER until the LED indicator lights steadily. Release TIMER button.



2. Use the number buttons to enter the sleep time required (1 to 99 minutes).



3. Press ENTER to confirm the setting.



Note: *Make sure you leave the remote pointing at the TV to ensure it turns off the TV at the time you set.*

Learning

Your UR24A Learning SuperRemote has the codes for most TVs, VCRs, etc. in its code library. However, if the code for your particular device is not found in the library, you can learn these codes from your existing remote. Or if you find a code from the tables in this manual that "almost" matches your device, but a few buttons are missing, you can learn just those buttons.

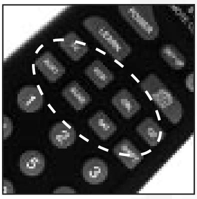
1. Point your existing remote at the SuperRemote with a distance of about 2 inches between the remotes.



2. Press and hold SETUP until the LED indicator lights steadily. Release the Setup button.



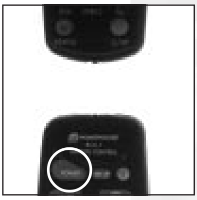
3. Press the mode button that matches the equipment you want to learn. The LED blinks once.



4. Press and release the LEARN button. The LED blinks once.



5. Press and release the button on the SuperRemote that you want to teach. The LED blinks once. (Press shift first to learn a shifted function).



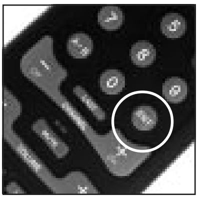
See notes on pages 30 and 31.

6. Press the button on your existing remote that you want to learn. Hold the button until the LED on the UR24A SuperRemote blinks off.



7. Repeat steps 5 and 6 for each button you want to learn.

8. When you've finished learning all the keys, press ENTER.



Notes:

Make sure you have fresh batteries in both remotes before learning.

Take care not to move either remote while pressing the buttons.

Experiment with the distance between the remotes if you have a problem learning.

Some remotes do not have their LED in the center so you might need to experiment with the side-to-side position of the remotes relative to each other.

Do not sit directly under an incandescent lamp while teaching the Learning SuperRemote.

In most cases you will hold the button on the remote you are learning from until the LED goes out on the Learning SuperRemote. In some cases however, you might find that the LED on the Learning SuperRemote doesn't go out until you release the key on the remote you are learning from.

Use buttons L1 and L2 to learn codes for which the Learning SuperRemote does not have a corresponding button.

If you have problems learning keys, try a Master Reset (Page 12) and then try learning them again.

You cannot store any functions under the following keys:

Learn	*AUX2*	*Shift VCR*
Setup	*X10*	*Shift Cable*
TV	*Timer*	*Shift SAT*
VCR	*Enter*	*Shift CD*
Cable	*Shift*	*Shift AUX1*
SAT	*Shift Learn*	*Shift AUX2*
CD	*Shift Setup*	*Shift X10*
AUX1	*Shift TV*	*Shift Timer*

*You cannot **store** two products under the same key using shift, i.e. you can't enter the 3 digit code for a VCR and then press shift and enter another 3 digit code for another VCR. But you can **learn** a second product using SHIFT as follows.*

e.g. For two VCRs:

Press SETUP, VCR, then enter the 3 digit code for your first VCR (see page 14 for more details).

For VCR2:

Press SETUP, VCR, LEARN.

Then press SHIFT, then Play (on the UR24A) then Play (on the original VCR remote).

Then SHIFT, then Stop (on the UR24A) then Stop (on the original VCR remote), etc.

Then Enter.

Then to access each VCR:

Press VCR on the UR24A and the appropriate key on the UR24A to access the first VCR.

Press VCR and then Shift, and then the appropriate key to access the second VCR. You can keep pressing keys and you will stay in the "shifted mode" for about 10 seconds. You will time out of the shifted mode about 10 seconds after the last key is pressed.

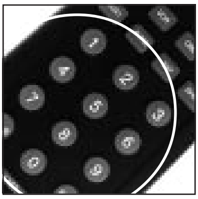
–CONTROLLING X-10– MODULES

If you have already installed the Transceiver Module, you can control it and other X-10 modules as follows:

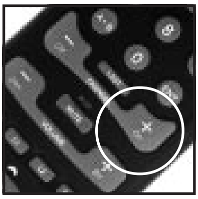
1. Press and release the X-10 button.



2. Use the number buttons to enter the Unit Code number of the chosen module. (You do not need to enter '0' first for a single digit number.)



3. Press the appropriate button for the function you require (see below).



X-10 FUNCTIONS:

On:	CHANNEL +
Off:	CHANNEL –
Bright:	VOLUME +
Dim:	VOLUME –
All Lights On:	POWER
All Modules Off:	MUTE

Note: *You cannot dim or brighten an Appliance Module. If the module was off and you press Bright or Dim (VOLUME+ or VOLUME-) this will simply turn the module on.*

TO SET THE X-10 SLEEP TIMER

The X-10 Sleep Timer switches off the chosen modules after the preset time.

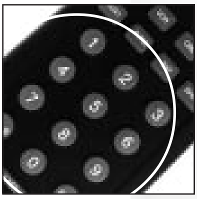
1. Press and release the X-10 button.



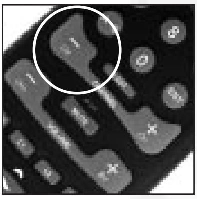
2. Press and hold TIMER until the LED indicator lights steadily. Release TIMER button.



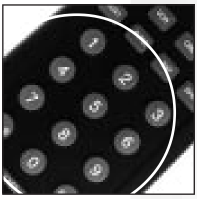
3. Use the number buttons to enter the module Unit Code for the module to be turned off.



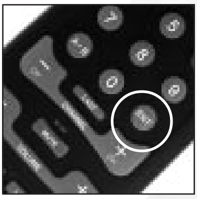
4. Press the desired function button (e.g. CH - to turn the module off after the preset time).



5. Using the number buttons enter the sleep time required (1 to 99 mins).



6. Press ENTER to confirm the setting.



CHANGING THE X-10 HOUSE CODE:

The Learning SuperRemote defaults to House Code A, and in most cases you will not need to change this unless you are experiencing interference from a neighboring X-10 system.

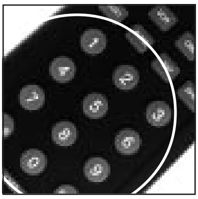
1. Press and release the X-10 button.



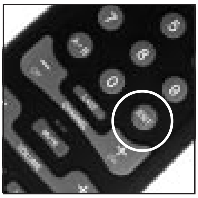
2. Press and hold SETUP until the LED indicator lights steadily. Release the Setup button.



3. Use the number buttons to enter the number equivalent to the chosen House Code (1=A, 2=B ..16=P).



4. Press the ENTER button to confirm the House Code. The LED turns off.



Note: *The Housecode you choose must match the Housecode on the Transceiver Module you are using it with.*

Controlling an IR Mini Controller (IR543)

If you already own an IR Mini Controller, you will need to change the X-10 Home Automation code in the remote to use it. The code for standard X-10 Home Automation is 013. The code to control the IR mini controller is 014. To change the code:

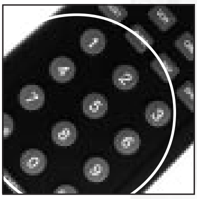
1. Press and hold SETUP until the LED indicator lights steadily. Release the SETUP button.



2. Press and release the X-10 button.



3. Enter 014 to control an IR Mini Controller, 013 for standard X-10 control. The LED turns off after the last digit entered.



Note: *In most cases, you will not need to use the IR Mini Controller to receive commands from the UR24A Learning SuperRemote - the Transceiver Module does this for you and has the added advantage of working through walls. You can’t control the IR Mini Controller and the Transceiver Module at the same time.*

EXPANDING YOUR SYSTEM

The products illustrated below represent just a few of the wide range of X-10 compatible products you can choose from to expand your Home Automation system. They are available from electrical outlets, department stores and mail order catalogs.

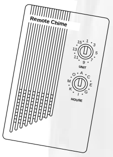
X-10 Home Automation products also integrate with X-10 security systems, so you can use the security remotes that come with them to control macros and flash lights when the security system is tripped.

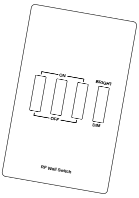
Check out our Web Site at:

HTTP://WWW.X10.COM

for more information on these and many other X-10 products.

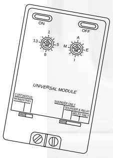
*Use a controller to trigger the **Remote Chime Module SC546** to call Dad up for dinner, or warn people you're about to turn on the sprinkler.*

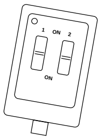




*Fit a **Wireless Wall Switch RW724** anywhere you need an extra switch - with no wires. Sends commands to the Transceiver Module just like a remote.*

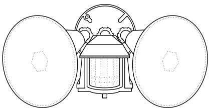
*Use the isolated contacts on the **Universal Module UM506** to control pool pumps, sprinklers, drapes and other low voltage equipment. Includes built in warning beeper.*



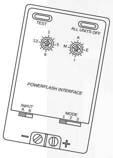


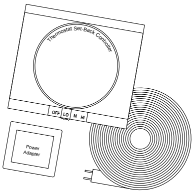
*Switch entrance or garage lights on from your car with the convenient **Keychain Remote KC674**.*

*The **Dual Floodlight Motion Detector PR511** turns on at dusk and/or when it detects movement, and sends X-10 signals to control other modules, or trigger ActiveHome macros.*

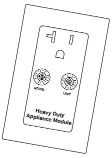


*The **PowerFlash Module PF284** connects to dry contact or low voltage alarm terminals on your burglar alarm system and flashes X-10 controlled lights when it is triggered.*



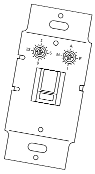


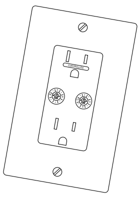
*The **Thermostat Setback Controller TH2807** mounts below your thermostat to reduce the room temperature at night or at the times you set to save energy. No wiring needed to your existing thermostat.*



*Plug in a **Heavy Duty Module HD245** to control 220V appliances such as air conditioners and water heaters.*

*Replace your existing wall switches with the **Wall Switch Module WS467**. Installs like a regular dimmer. On/Off and Bright/Dim functions. Other models available for 3-way lighting.*





*Replace an existing AC wall outlet with the **Receptacle Module SR227**. Has one 15A/1800W controlled outlet and one outlet which is always on.*

The Transceiver Module doesn't respond to the remote:

- Check the House Code of the Transceiver Module is set to A. If you have changed the Housecode on the remote (see p. 33), check that it matches the Housecode on the module.
- Press the ON / OFF button on the front of the module to confirm it operates the equipment connected to it.

The Transceiver Module works, but other modules don't respond:

- Check that the module has the same Housecode as the Transceiver Module.
- Try plugging the module into a different outlet.

The Remote won't control your A / V equipment, or doesn't work at all:

- Use manual controls or the original remote control to confirm the equipment is working properly.
- Be sure you pressed the device key for the device you want to control.
- Re-enter the code for your A / V product from the code listings on pages 15 through 24.
- Replace the Remote's batteries.